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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/639,413	08/14/2000	Mitsugu Ishihara	450100-02646	1012

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NEW YORK, NY 10151

EXAMINER

NATNAEL, PAULOS M

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 10/23/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/639,413

Applicant(s)

ISHIHARA ET AL.

Examiner

Paulos M. Natnael

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims **1-7** are rejected under 35 U.S.C. 103(a) as being unpatentable over Garland, U.S. Pat. No. 6,366,359.

Considering claim **1**, Garland discloses the following claimed subject matter, note;

a) the claimed a reception antenna for receiving television broadcast, is implied in the integrated digital television signal receiver (and video printer);

c) the claimed a data memory for transiently storing data from the received television broadcast representative of only one image, in which said one image is the same as that currently displayed by said picture display device, is met by buffer 212, fig.2;

d) the claimed printing command inputting means for inputting a command for printing a desired image selected from the images displayed on said picture display device, is met by the print command button 110 on the remote controller 106, fig.1;

e) the claimed printing command outputting means for reading out the desired image from the data memory, is met by the second decompressor 214, Fig.2;

f) the claimed picture data synthesis means for synthesizing the received television broadcast with the desired image, thereby generating synthesized image data for display on the picture display device, is met by synchronizing means 206, fig.2;

Except for;

b) the claimed display data outputting means for outputting the received television broadcast to a picture display device;

Regarding b), Garland does not specifically disclose a separate display data outputting means for outputting picture data. However, the Examiner takes official notice here in that it is well known in the art that display systems comprise a display outputting means such a display controller or an encoder, and therefore, it would have been obvious to the skilled in the art at the time the invention was made to modify the system of Garland by providing a display data outputting means such as an encoder for outputting the data as display data, in order for the image data to be displayed properly as desired.

Considering claim 2, the claimed wherein said picture display device is connected over an internal bus to said display data outputting means is implied in a digital television system such as Garland's.

Considering claim 3, wherein said printing device is connected over an internal bus to said printing command outputting means is met by line 215 connecting second decompressor 214 and printing means 216, Fig.2;

Considering claim 4, Claim 4 is a method claim of claim 1, and therefore, Claim 4 is rejected for the same reasons as claim 1.

Considering claim 5, the claimed wherein the step of synthesizing the received television broadcast with the desired image is terminated when said printing device prints the desired image, is implied since the user activates the print process from a print preview mode, and the display of said print image would be terminated when the printing device stops.

Considering claim 6, wherein the step of synthesizing the received television broadcast with the desired image is terminated when a command for terminating the display the synthesized image data is inputted.

Regarding claim 6, see rejection of claim 5.

Considering claim 7, wherein the step of synthesizing the received television broadcast with the desired image is terminated when a pre-set time has elapsed.

Regarding claim 7, Garland does not specifically disclose termination of print image when a pre-set time has elapsed. However, the Examiner takes official notice in that it is well known in the art to terminate a process after a predetermined time has elapsed and allow the system to revert to previous mode and wait for further command or instruction and thus, it would have been obvious to the skilled in the art at the time the invention was made to modify the system of Garland by providing a termination process, so that the system does not waste processing .

Response to Arguments

3. Applicant's arguments filed August 14, 2003 have been fully considered but they are not persuasive. Response follows:

Applicant's Arguments

That, Garland appears to disclose a buffer that stores compressed digital video signals corresponding to a plurality of images. This buffer is coupled to a control means which, in turn, allows a user to view and select desired images from the stored compressed digital video signals by forwarding or rewinding though [sic] the stored images.

Accordingly, Garland does not appear to disclose "a data memory for transiently storing data from the received television broadcast representative of only one image, in which said one image is the same as that currently displayed by said picture display device", as in amended independent claim 1.

Examiner's Response

Garland discloses an integrated digital television and video printer comprising a buffer memory 212 for temporarily storing the compressed signal before outputting it to the second decompressor 214 as desired. Frame or field buffers are well known in the art for storing one image such as a frame or a field of a video signal temporarily, momentarily or transiently. Therefore, the argument that Garland does not appear to disclose "a data memory for transiently storing data from the received television broadcast representative of only one image, in which said one image is the same as that currently displayed by said picture display device", as in amended independent claim 1, is unpersuasive.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Taubman et al., U.S. Pat. No. 6,297,851 discloses method and apparatus of analog video frame capture and previewing the same without converting the analog video data into digital image data.


5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paulos M. Natnael whose telephone number is (703) 305-0019. The examiner can normally be reached on 6:30am -3pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (703) 305-4795. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4750.


MICHAEL H. LEE
PRIMARY EXAMINER

Paulos Natnael *Pnn*
October 15, 2003